Page

THE

BRITISH JOURNAL

OF

VENEREAL DISE

Issued under the auspices of the Medical Society for the Study of Venereal Diseases

Editor: L. W. HARRISON, D.S.O., F.R.C.P.(Ed.), E. T. BURKE, D.S.O., M.B., Ch.B. V. E. LLOYD, M.C., M.B., B.S.

THE EDITORS

THE TREASURER, M.S.W.D.

THE PRESIDENT, M.S.S.V.D. (Ex-officio)

T. E. OSMOND, B.A., M.B., M.R.C.S. DR. NORAH WATSE

CONTENTS

I.	Developments in the Treatment of Syphilis with Artificial Fever Therapy combined with Chemotherapy during the Past Decade	1								
II.	I. Tryparsamide in Neurosyphilis									
III.	Stovarsol in the Treatment of Congenital and Acquired Syphilis	87								
ıv.	General Discussion on Tryparsamide and Stovarsol.	118								
v.	Blood-Dyscrasia in the Treatment of Venereal Diseases By E. T. Burke, D.S.O., M.B., Ch.B. (Glasg.).									
VI.	Blood-Dyscrasia. Discussion	166								
II.	Re-infection or Super-Infection in Neurosyphilis . By A. O. F. Ross, M.D., D.P.H.	170								
III.	Book Reviews	175								
IX.	Directions to Contributors	183								
SIN	GLE NOS.: 6/- ANNUAL SUBSCRIPTION, 20/	ANNUAL SUBSCRIPTION, 20/-								
	CONSTABLE & CO LTD									

INSTABLE X. ORANGE STREET, LEICESTER 10 SQUARE, LONDON, W.C.2

PRINTED IN GREAT BRITAIN

6 209 THE

BRITISH JOURNAL

OF

VENEREAL DISEASES

Editor:

L. W. HARRISON D.S.O., F.R.C.P.(Ed.), M.B., Ch.B.

Vol. XVII

January, 1941, to December, 1941

CONSTABLE & CO., LTD.,
ORANGE STREET, LEICESTER SQUARE, LONDON, W.C.2



Y9A991.1 Y940.18AW 100102.1311

CONTENTS

DEVELOPMENTS IN THE TREATMENT OF SYPHILIS WITH ARTIFICIAL FEVER THERAPY COMBINED WITH CHEMOTHERAPY DURING THE PAST DECADE. By Walter M. Simpson, M.D., F.A.C.P., H. Worley Kendell, M.D., and Donald Rose,	PAGE
M.D	1
TRYPARSAMIDE IN NEUROSYPHILIS. By R. C. L. BATCHELOR, M.B., F.R.C.S. (Edin.).	67
Stovarsol in the Treatment of Congenital and Acquired Syphilis. By David Nabarro, M.D., F.R.C.P.	87
General Discussion on Tryparsamide and Stovarsol .	118
Blood-Dyscrasia in the Treatment of Venereal Diseases. By E. T. Burke, D.S.O., M.B., Ch.B. (Glasg.)	125
Blood-Dyscrasia (Discussion)	166
Re-Infection or Super-Infection in Neurosyphilis. By A. O. F. Ross, M.D., D.P.H	170
THE ERADICATION OF REFRACTORY GONOCOCCIC INFECTIONS BY COMBINED ARTIFICAL FEVER-CHEMOTHERAPY. By WALTER M. SIMPSON, M.D., DONALD L. ROSE, M.D., and H. WORLEY KENDELL, M.D.	185
Intensive Treatment of Gonorrhæa and Non-Specific Urethritis with Sulphapyridine. By Lieutenant-Colonel A. J. King, R.A.M.C., and Major D. I. Williams, R.A.M.C.	202
Intensive Treatment of Gonorrhæa and Non-Specific Urethritis with Sulphapyridine (Discussion)	221
THE NECESSITY OF THE CLINICIAN MAKING THE BEST USE OF LABORATORY FACILITIES IN THE DIAGNOSIS OF VENEREAL DISEASES. By Dr. I. N. Orpwood-Price	229
THE NECESSITY OF THE CLINICIAN MAKING THE BEST USE OF LABORATORY FACILITIES IN THE DIAGNOSIS OF VENEREAL DISEASES (DISCUSSION)	239

CONTENTS

SULPHATHIAZOLE										PAGE
R. C. L. B Marjorie M M.D., D.P.H	URREL	L, M.	B., F.Î	R.C.S.	Éd., a	nd G.	М.Тн	OMSO:	N,	244
THE PRESENT TI ENGLAND A	REND (of Inc	CIDEN	CE OF	VENI	EREAL	Dise.	ASES	IN	
L. W. Harr										249
THE PRESENT TREND OF INCIDENCE OF VENEREAL DISEASES IN ENGLAND AND WALES, AND METHODS OF CONTROL (DIS-										
CUSSION)										256
Book Reviews	•	•		•	•	•		•		175
Directions to										
Correspondenc	Ε.	•	•	•	•			•		264
Editorial Note	:S	•								266

INDEX

Extra-ocular palsy, 44

Exudative uveitis, 42

definitions, 125 discussion, 166 Book reviews :-Burke (E. T.), Veneral Diseases, 175 Whitwell (J. R.), Syphilis in Earlier Days, 181 CHOROIDITIS, 43 Correspondence, 264 Dementia paralytica, 31 tabetic form of (taboparesis), 34 Directions to contributors, 183 Effects on experimental syphilis in rabbits of concurrent treatment with neoarsphenamine and artificially induced fever at 106.7° F. (41.5° C.) (table), 49 Eradication of Refractory Gonococcic Infections by Combined Artificial Fever-chemotherapy, The (Walter M. Simpson, Donald L. Rose, and H. Worley Kendell), 185 bibliography, 199 care of the patient during hospi-talization, 189 comment, 197 criteria of cure, 191 evolution of fever dosage, 186 experimental data, 191 grouping of patients, 192 selection of patients for fever treatment, 188 age, 189 complications of the disease, 189 contacts, 189 duration of the disease, 188 previous chemotherapy, 188 sex, 189 summary and conclusions, 198 Experimental treatment of early syphilis with combined feverchemotherapy, 45

Asymptomatic neurosyphilis, 39

conclusions, 163

BLOOD-DYSCRASIA in the Treatment

of Veneral Diseases (E. T. Burke),

General discussion on tryparsamide and stovarsol, 118 Non-Specific Gonorrhœa and Intensive Treatment Urethritis, Intensive Treatment of, with Sulphapyridine (Lieut.-Col. A. J. King and Major D. I. Williams), 202 advantages of the treatment, 218 comment, 217 comparison with patients suffering from gonorrhæa and treated with a routine non-intensive course, 209 comparison with patients suffering non-specific from urethritis treated with routine nonintensive course, 210 complications of treatment, 212 major toxic effects, 212 minor toxic effects, 212 complications of infection arising during treatment, 210 gonorrhœa treated intensively, 210 control cases of gonorrhœa, 211 non-specific urethritis treated intensively, 211 control cases of non-specific urethritis, 211 description of clinical material, 204 details of treatment, 205 disadvantages of the treatment, 218 discussion, 221 effect of duration of the infection upon the results of treatment, 210 immediate results of treatment, 208 urethritis treated non-specific intensively, 209 procedure for observation and tests of cure, 206 references, 220 summary, 219 toxic effects in the control group of 495 cases treated with the routine fourteen-day course of sulphapyridine, 217 ultimate results of treatment, 211 relapses, 211

Hypertherm, 189

INDEX

INCIDENCE of Venereal Diseases in England and Wales, The Present Trend of, and Methods of Control (L. W. Harrison), 249 civilian measures of control, 254 discussion, 256 Interstitial keratitis, 43

LABORATORY Facilities in the Diagnosis of Venereal Diseases, The Necessity of the Clinician making the Best Use of (Dr. I. N. Orpwood-Price), causative organisms of the various venereal diseases, 233

discussion, 239 four main functions of a V.D.

laboratory, 229 Kahn test very useful when result of serum test is required in a hurry for special reasons, 232

MENINGEAL neurosyphilis, 37 Meningovascular neurosyphilis, 39

NEUROSYPHILIS, 2 artificial fever or malaria, treatment of, report by Ewalt and Ebaugh, University of Colorado, Denver,

average yearly clinical remission rates (cumulated) (table), 7

Bennett et al., recent reports by, University of Nebraska, Omaha,

Bromberg, report by, Washington University, St. Louis, 19

dementia paralytica: classification of clinical groups in relation to clinical results (table), 15

dementia paralytica: types of treatment and clinical results during five-year period (table), 13

Hinsie and Blalock, reports by, New York State Psychiatric Institute and Hospital, New York, 23

hypertherm, the (illustration), 26 malaria therapy and artificial fever therapy, appraisal of, by Wagner-Jauregg, 2

meningeal, 37

meningovascular, 39 Neymann, recent report of, Northwestern University, Chicago, 22 non-specific therapy of syphilis, report of committee on, 4

personal experiences in the treatment of, 25

Trautman, reports by, U.S. Public Health Service, U.S. Marine Hospital, New Orleans, 20 vascular, 38

OCULAR syphilis, 41 Optic atrophy, 44 Optic neuritis and neuroretinitis, 43

Personal experiences in experimental treatment of early syphilis with artificial fever combined with chemotherapy, 51

Post-arsphenamine blood-dyscrasia, 127

Whitehall series, 136

Post-sulphonamide blood-dyscrasia, 155

Prevention and treatment of blooddyscrasia, 162

Primary, secondary and latent syphilis (table), 53

Promin, 194

RE-INFECTION or Super-Infection in Neurosyphilis (A. O. F. Ross), 170 summary, 174 Resistant sero-positive latent syphilis,

SERONEGATIVE, dark-field positive, primary syphilis, 53

Seropositive primary syphilis, 53 Short-term chemical treatment of early syphilis with artificial fever, possible intensification of, 55

Stovarsol, nomenclature and chemical considerations of, 90

effects of treatment, 105

toxic effects of, 106 Stovarsol in the Treatment of Congenital and Acquired Syphilis (David Nabarro), 87 material studied, 97

summary and conclusions, 114 treatment intensity index, 96

Sulfonamide compounds widely accepted as effective agents in the treatment of gonococcic infections, 185

Sulphathiazole in the Treatment of Gonorrhea (R. C. L. Batchelor, Marjorie Murrell, and G. Thomson), 244

conclusions, 248

female cases, 246

complicated cases (table), 247 uncomplicated cases (table), 246 vulvo-vaginitis, 247

male cases, 244

toxic effects, 247 summary, 249

Syphilis, Developments in the Treatment of, with Artificial Fever Therapy combined with Chemo-therapy during the Past Decade (Walter M. Simpson, H. Worley Kendell and Donald Rose), 1 discussion, 57

INDEX

Syphilis, Developments in the Treatment of—continued.
introduction, I
Kahn quantitative procedure as a therapeutic guide, value of, 56 summary and conclusions, 59
Syphilis, ocular, 4I
resistant sero-positive latent, 45 secondary manifestations during first year of disease, 54 secondary manifestations occurring between the first and second years of disease, 54

Tabes dorsalis, 35
Tryparsamide and stovarsol, general discussion on, 118
Tryparsamide in Neurosyphilis
(R. C. L. Batchelor), 67
acquired infection—men (table), 79
women (table), 80

Neurosyphilis Tryparsamide in -continued. congenital infection-males (table), 83 females (table), 84 living paretics-men (table), 80 women (table), 81 living tabetics-men (table), 82 women (table), 83 living tabo-paretics-men (table), 81 women (table), 82 optic atrophy-acquired infectionmales (table), 84 females (table), 85 optic atrophy-congenital infection -males (table), 85 females (table), 86 tryparsamide in pregnancy—optic atrophy in the child (table), 86

Vascular neurosyphilis, 38 Venereal diseases in England and Wales, 249

DIRECTIONS TO CONTRIBUTORS

ARTICLES for publication in this Journal and all communications respecting such articles should be addressed to the Editors, The British Journal of Venereal Diseases, c/o Messrs. Constable & Co., Ltd., 10 Orange Street, Leicester Square, London, W.C.2.

Articles submitted should be in the English language and if they have been published previously should be accompanied by acknowledgment of permission to re-

publish.

The copyright of all matter published for the first time in this Journal is held by the British Journal of Venereal Diseases.

Contributions should be concisely written and revised for press. They should be typewritten on one side of the paper only, with double spacing and a wide margin. Carbon copies are not acceptable and thin paper should not be used.

The names of the authors, their chief positions and, when appropriate, the department from which the work is

produced should be indicated in the sub-title.

Illustrations and tables should be on separate sheets and not embodied in the manuscript. They should be numbered consecutively—Tables in Roman numerals and illustrations in Arabic figures. The top of each illustration should be clearly marked and the author's name written on the reverse side. Both illustrations and tables should be referred to in the text by their appropriate numbers. All illustrations should be supplied in a form suitable for photographic reproduction. Photographs and skiagrams must be clear black and white prints on glossy paper.

Drawings should be large scale in Indian ink on a smooth white surface. Graphs with colour representation are rarely acceptable for reproduction in colour. Colour drawings can be reproduced only by special arrangement; the loan of any illustration should be acknowledged in

the legend.

BRITISH JOURNAL OF VENEREAL DISEASES

The legends should be typed separately from the illustrations and numbered. The magnifications of all photomicrographs should be indicated.

REFERENCES

References should be verified personally and listed at the end of the article in alphabetical order according to the first author's name as follows:—

References to Journals

Author's name and initials, (year), Journal, Volume

number and page number.

E.g., STEVENSON, J., and SMITHER, D. Z.: (1905) Brit. med. J., 63, 2551. Titles of Journals should be abbreviated in accordance with the system used in the World List of Scientific Periodicals.

References to Books

Author's name and initials (year of publication). Title of book, place of publication and name of publisher.

Works by the same author should be arranged in chronological order. If more than one paper by an author has to be cited for the same year the different papers are easily distinguished by adding the letters a, b, c, etc. to each immediately after the date, e.g. (1905 a).

Each work should be cited in the text by the author's name and by year of publication, e.g., Browning (1934).

ABBREVIATIONS

Abbreviations of words which are familiar to British readers are a great source of difficulty to readers in other countries.

The following abbreviations are examples of those which have caused such difficulties and should be written in full, G.C., W.R., R.B.C., W.B.C., M.O.H., B.P., L.C.C., N.V.D., B.M.R., T.B., K.J's., Sp. P., T.A.B., C.S., L.K., N.A.B., and C.S.F.

Abbreviations are permissible in charts and tables when their meanings are specified in the accompanying legend.